

AMENDMENTS TO THE CLAIMS

1-6. (Canceled)

7. (Previously Presented) A method comprising:

prior to executing a search query to perform a search, displaying a user interface on a display, the user interface displaying a graphical representation of the search query, the graphical representation including at least

a first graphical preview indication that is a first visually distinct region, having a first starting width and a first ending width, the width of the first visually distinct region continuously narrowing or widening from the first starting width to the first ending width, the first visually distinct region being located in a proximity to a first icon representing a first filter, the first starting width having a width that is representative of an expected size of a first input dataset, and the first ending width having a width that is representative of an expected size of a first dataset after application of the first filter on the first input dataset;

wherein the first graphical preview indication is separate from the first icon; and

a second graphical preview indication that is a second visually distinct region, having a second starting width and a second ending width, the second visually distinct region being located in a proximity to a second icon representing a second filter, the second starting width located at the first ending width, the second starting width being equal to the first ending width, the second starting width having a width that is representative of an expected size of a second input dataset, the second input dataset being equal to the first dataset, the second ending width having a width that is representative of an expected size of a second dataset after application of the second filter on the second input dataset, the width of the second visually distinct region continuously narrowing or widening from the second starting width to the second ending width, the second visually distinct region being adjacent to and connected to the first visually distinct region; wherein the second graphical preview indication is separate from the second icon.

8-9. (canceled)

10. (Previously Presented) A method comprising:

prior to executing a search query to perform a search, displaying a user interface on a display, the user interface displaying a graphical representation of the search query, the graphical representation including at least:

a first icon representing a first filter associated with the search query, and

a second icon representing a second filter associated with the search query; and

the user interface including at least a set of logical operator buttons, wherein each button is associated with a distinct logical operator; and

in response to a selection of the first icon and second icon and a selection of a button from the set of logical operator buttons, applying the logical operator associated with the selected button to a dataset of the first filter represented by the first icon and a dataset of the second filter represented by the second icon; and

a graphical preview indication that is a visually distinct region, having a starting width and an ending width, the width of the visually distinct region continuously narrowing or widening from the starting width to the ending width, the visually distinct region being located in a proximity to the first icon and second icon, the starting width having a width that is representative of an expected size of an input dataset, and the ending width having a width that is representative of an expected size of a dataset after application of the logical operator to the dataset of the first filter represented by the first icon and the dataset of the second filter represented by the second icon.

11. (Previously Presented) The method of claim 10, wherein:

if a Boolean OR operator is applied, the first icon is substantially vertically aligned with the second icon; and

if a Boolean AND operator is applied, the first icon is substantially horizontally aligned with the second icon.

12. (Previously Presented) The method of claim 10 further comprising:
in response to the selection of the first icon and second icon and the selection of a button
from the set of logical operator buttons, displaying a textual indication of a type of
logical operator associated with the first icon and second icon.

13. (canceled)

14. (Currently Amended) A method comprising:
displaying a user interface on a display, the user interface displaying graphical representations of
a search query, wherein at least one or more portions of the search query are divided into one
or more query steps represented in the graphical representation as tiled boxes, each of the one
or more query steps corresponding to a portion of the search query, each of the one or more
query steps including one or more attributes;
wherein each tiled box is able to be independently disabled without removing [[the]] components
of the one or more query steps associated with the tiled box from the ~~query~~ graphical
representation; and

wherein the one or more query steps are a plurality of query steps that are arranged in an
order, the order indicated by dataflow lines that connect one or more query steps to succeeding
one or more query steps, and the order is alterable by dragging and dropping one or more query
steps selected from the plurality of query steps to a new location in the ~~query~~ graphical
representation.

15. (canceled)

16. (Previously Presented) The method of claim 14, wherein:
the one or more query steps are arranged in an order according to a query flow; and
each query step is combined with other portions of the search query using Boolean logic.

17. (Previously Presented) The method of claim 14, wherein the query steps are numbered according to an order in which the query steps are applied.

18. (canceled)

19. (Previously Presented) The method of claim 14 further comprising creating within a query step a group icon representing a container for, and having contained within, a group of icons representing a group of filters associated with a portion of the search query.

20. (Previously Presented) The method of claim 14 further comprising displaying a graphical representation of a search query for a multidimensional database.

21-26. (canceled)

27. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 7.

28-29. (canceled)

30. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 10.

31. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 11.

32. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 12.
33. (canceled)
34. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 14.
35. (canceled)
36. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 16.
37. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 17.
38. (canceled)
39. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 19.
40. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 20.

41. (Previously Presented) The method of claim 10 wherein:
the logical operators associated with the set of logical operator buttons comprises:
a Boolean OR operator,
a Boolean AND operator, and
a logical NOT operator.
42. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 41.
43. (Previously Presented) The method of Claim 14 wherein dataflow lines indicate a Boolean operator being applied to the one or more query steps and the succeeding one or more query steps.
44. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 43.